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**From:** Dinkins, Darlene [Dinkins.Darlene@epa.gov]  
**Sent:** 3/1/2021 5:32:20 PM  
**To:** Goodis, Michael [Goodis.Michael@epa.gov]  
**Subject:** RE: PFAS in Pesticide Packaging

I sent them an email asking about it on Thursday, but haven't heard back yet. I'll ping them again.

*Darlene Dinkins*

Office of Pesticide Programs  
U.S. Environmental Protection Agency  
(703) 305-5214

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**From:** Goodis, Michael <Goodis.Michael@epa.gov>  
**Sent:** Monday, March 01, 2021 12:01 PM  
**To:** Dinkins, Darlene <Dinkins.Darlene@epa.gov>  
**Subject:** RE: PFAS in Pesticide Packaging

Have you checked with Comms about these questions?

Michael L. Goodis, P.E.  
Acting Deputy Director for Programs  
Office of Pesticide Programs  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
571-309-5497 (cell)

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**From:** Goodis, Michael  
**Sent:** Thursday, February 25, 2021 2:08 PM  
**To:** Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>  
**Subject:** RE: PFAS in Pesticide Packaging

I believe Comms should be receiving questions in the mailbox. Try Greg and Shamus.

Michael L. Goodis, P.E.  
Acting Deputy Director for Programs  
Office of Pesticide Programs  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
571-309-5497 (cell)

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**From:** Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>  
**Sent:** Thursday, February 25, 2021 2:00 PM  
**To:** Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>  
**Subject:** FW: PFAS in Pesticide Packaging  
**Importance:** High

Mike,

Do you know who's working on these questions? I was confusing these with the E&E News questions.

*Darlene Dinkins*

Office of Pesticide Programs  
U.S. Environmental Protection Agency  
(703) 305-5214

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**From:** Richmond, Jonah <[Richmond.Jonah@epa.gov](mailto:Richmond.Jonah@epa.gov)>  
**Sent:** Thursday, February 25, 2021 1:32 PM  
**To:** Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>; Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>  
**Cc:** Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>  
**Subject:** FW: PFAS in Pesticide Packaging  
**Importance:** High

Darlene, Ed, or Mike,

Do you have a status update on these questions from Florida on PFAS in packaging?

Thanks,  
Jonah

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Jonah Richmond  
Special Assistant  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
(202) 564-0210

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**From:** Freedhoff, Michal <[Freedhoff.Michal@epa.gov](mailto:Freedhoff.Michal@epa.gov)>  
**Sent:** Thursday, February 25, 2021 11:24 AM  
**To:** Richmond, Jonah <[Richmond.Jonah@epa.gov](mailto:Richmond.Jonah@epa.gov)>  
**Subject:** FW: PFAS in Pesticide Packaging  
**Importance:** High

Hi Jonah

Could you please share this with the right members of the team and see where we are on these responses? I know some of this would be expected to be released with the upcoming release of our data analysis,

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thank you  
Michal

Michal Freedhoff, Ph.D.  
Acting Assistant Administrator  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
[Freedhoff.michal@epa.gov](mailto:Freedhoff.michal@epa.gov)

**From:** Blevins, John <Blevins.John@epa.gov>  
**Sent:** Thursday, February 25, 2021 10:38 AM  
**To:** Freedhoff, Michal <Freedhoff.Michal@epa.gov>  
**Cc:** Katims, Casey <Katims.Casey@epa.gov>; Monell, Carol <Monell.Carol@epa.gov>; Jones, Aaryn <Jones.Aaryn@epa.gov>; Zapata, Cesar <Zapata.Cesar@epa.gov>  
**Subject:** PFAS in Pesticide Packaging  
**Importance:** High

Michal,

I hope all is well. I wanted to reach out and make sure that you were aware of some specific concerns from R4 states and *stakeholders* concerning EPA's January 14, 2021 press release on PFAS in Pesticide Packaging. As background, the Region held a listening session with our State stakeholder and shared our notes with your staff and others in HQ.

The Florida Department of Agriculture and Consumer Services (FDACS) submitted several questions to the EPA "Pesticide Packaging" mailbox. I know that your staff has been working on the issues identified and are swamped. It is my understanding that thus far the state has received one response. Immediately below is a summary of the initial questions (2/6/21), the EPA Pesticide Packaging mailbox response (2/23/21), and the subsequent questions asked by FDACS (2/23/21) below:

- What should be done with remaining stocks of Anvil 10+10? Can more information be provided on the registrant's response? (2/6/21)
  - Pesticides mailbox response on 2/23/21: *States with existing stock of Anvil 10+10 that is stored in HDPE containers should red tag that inventory and hold for now. Clarke Mosquito has informed EPA that it will reach out to all its customers regarding management of its Anvil 10+10 product.*
- Additional Qs from FL DACS on 2/23/21:
  - *In reference to the first question, our stakeholders would like more detail on the registrant's response. When can they expect the registrant to reach out? Will the product be picked up or returned to the company? Will the product be replaced?*
  - Other than Anvil 10+10, what other packaging/products are affected, including those that may go beyond agrichemical industry such as in the food industry or homeowner products? Can a list be provided?
  - Will affected products be placed under Stop Sale/Stop Use by EPA or State Lead Agencies?
  - Is there a Safety Data Sheet (SDS) for the packaging?
  - Is the PFAS contamination confirmed to be linked to the fluorination process? If so, what are the alternatives to fluorination or alternative types of rigid containers available to the agrichemical industry?
  - After Anvil 10+10 is properly mixed (diluting the concentrate) and applied at the maximum label rate, what level of PFAS is making it into the environment?

- Will there be a foreseeable interruption in supply and inventory if the science leads to a change in fluorinated HDPE containers?
- What is the position of other governments and trade partners, including Canada, Mexico, and the European Union, on PFAS? Are levels of concern or action levels established in other countries?
- What will this mean for export/import of agrichemical products? What will this mean import/export of agricultural crops that were treated with agrichemicals stored in fluorinated HDPE packaging?

With growing season rapidly approaching FL, and our other States, our stakeholders would like to make informed pesticide purchases and/or may already have existing stocks of potentially impacted pesticides and are uncertain of the best path forward.

We appreciate your Office's work on this complex matter and will broadly share any updates with our Regional stakeholders.

Welcome aboard, and if you have any questions, give me a call.

John

John Blevins  
Acting Region 4 Regional Administrator  
US EPA Region 4  
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Athens GA 30605

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